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INCREASE IN GUTTA-PERCHA CULTIVATION -- Moscow, Pionerskaya Pravda, 24 Jul 53

The cultivation of the Chinese gutta-percha tree, sometimes called the Eucommia tree, is becoming increasingly important in the USSR.

Eucommia loves warmth and moisture. It grows in the USSR mainly on the Black Sea coast of the Abkhazskaya ASSR. Three years ago, seedlings of the gutta-percha tree were transplanted from the Abkhazskaya ASSR to the Uzbek SSR.

All the seedlings acclimatized themselves well. The young trees are now 3 feet high and covered with thick foliage. Scientists of the Central Asiatic Scientific Research Institute of Forestry have observed that the leaves of the Eucommia tree accumulate more gutta-percha in Central Asia than in the Abkhazskaya ASSR.

The institute has already grown more than 14,000 seedlings of the gutta-percha tree in its nurseries which have been planted in the leskhozoes of the Uzbek SSR, the southern portion of the Kazakh SSR, and the Kirgiz SSR.

During the autumn, the nurseries will ship 200,000 more Eucommia seedlings to the leskhozoes.

TOP PLAN FIGURE -- Moscow, Lesnaya Promyshlennost', 4 Jul 53

On 29 July, timber enterprises of the Ministry of Timber and Paper Industry Karelo-Finnish SSR fulfilled the half-year plan for timber haulage by 105.5 percent. Seventeen lespromkhozoes (timber managements) successfully fulfilled the semiannual and quarterly plans.

The Padany and Medvezhegorsk lespromkhozoes hauled 20,000 cubic meters of timber above plan.

TRANSCARPATHIAN TIMBER SHIPMENTS RISE -- Petrozavodsk, Leninskoye Znanya, 26 Aug 53

Transcarpathian timber felling enterprises have shipped, tens of thousands of cubic meters of timber above plan to new construction projects. During July alone, workers of enterprises of the Zakarpatlesprom (Transcarpathian Timber Industry) Trust obtained about 700,000 rubles' worth of profits above plan.

Mountain lesopunkts (logging points) have been equipped with a large variety of machinery. Cable railroads, along which timber flows in an endless stream from cutting areas to lower landings, have been constructed to facilitate work. This new method for the descent of timber yielded a half million rubles in savings this year in the Perechinskiy Lespromkhoz alone.

NEW LESPROMKHOZES ON THE TAIGA -- Kiev, Pravda Ukrainy, 26 Jul 53

New Lespromkhozoes and worker settlements with schools, hospitals, clubs, dining rooms, and stores are rising in huge taiga areas of Krasnoyarskiy Kray which were formerly uninhabited. Construction is proceeding on an especially wide scale during the summer season. The large Askizskiy Timber Transport Combine is now under construction in Khakasskaya Autonomous Oblast. New narrow-gauge railroads and log roads will soon traverse the taiga.

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LARGE SHIPMENTS FROM KAMA BASIN TO CONSTRUCTION PROJECTS -- Moscow, Lesnaya Promyshlennost', 20 Aug 53

Since the beginning of the floating season, timber floating workers of the Kama basin have forwarded more than 1,000 rafts. Workers of the roadsteads along the river have shipped to the Kuybyshev and Stalingrad hydroelectric projects and the mines of the Donbass 2 million more cubic meters of timber than during the same period last year.

TIMBER FLOATING SEASON OPENS ON LAKE BAYKAL -- Moscow, Moskovskaya Pravda, 1 Jul 53

The mass floating of timber has begun on Lake Baykal. Tugs are towing large rafts from the ports of Barguizin and Baykal to the source of the Angara River.

Timber floating workers are mastering the techniques of floating heavily loaded rafts. Last summer, the largest raft floated had a volume of 6,000 cubic meters of timber. Today, the ship Kommunist towed a raft with a volume of 12,000 cubic meters from the port of Barguizin. This is the first time a raft of such volume has been towed on Lake Baykal.

TIMBER FLOATING INCREASES ON THE VISHERA -- Moscow, Lesnaya Promyshlennost', 2 Jul 53

The initial floating of timber has been completed on the Vishera River and its tributaries. The removal of logs has been fully completed in the area of the Velsovskaya floating center (splavnaya uchastka) for a distance of 40 kilometers. To date, 18,000 cubic meters more timber than last year have reached the Bakharevskaya jam area (zapan') and the roadstead (reyd) of the Krasnovishersk Paper Combine.

MECHANIZATION GROWS IN THE KARELO-FINNISH SSR -- Moscow, Komsomol'skaya Pravda, 3 Jul 53

All phases of work have been mechanized on the narrow-gauge railroad of Syamozero Lespromkhoz - the 16th timber hauling road of Yugkarellies (Southern Karelian Timber) Trust.

The work of Karelo-Finnish SSR timber workers is now based mainly on the use of machines. The Payskiy Lespromkhoz is the best example of an enterprise where all operations are completely mechanized. Here, electric saw operators fell the tree. A KT-12 tractor picks up the trunk and delivers it to the upper landing. There, a truck crane loads it onto a narrow-gauge railroad flatcar, which carries it to the lower landing where it is unloaded mechanically. The timber is then sorted, and large logs are sent to the stock piles by conveyor. Flatcars on the wide-gauge railroad are loaded with the help of special cranes.

DESIGN SMALL ELECTRIC POWER PLANT -- Riga, Sovetskaya Latvija, 14 Jul 53

A small self-propelling power plant of original design has appeared in some cutting areas of the Latvian SSR. It is equipped with an alternating-current generator which feeds two electric saws.

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This machine was designed by P. Indany, chief of the Sector of Timber Operations of the Institute of Forestry Problems Latvian SSR.

The new electric power plant is especially useful for selective and strip cutting. For example, the cutting of improved areas is now being carried out in the Latvian SSR. These operations, for the most part, are carried out in small areas in the depths of the forest where it is extremely difficult to use a powerful portable electric power plant.

The smallest areas can be logged with the institute's new machine. Equipped with a caterpillar track, it moves easily through deep snow, through swampy places, and among trees. It crosses ditches and thick growth of shrubs. Its productivity is about 250 trees per saw per shift.

Experiments with the self-propelling power plant carried out at the forestry subdivision (sloskiy lesnichestvo) of the Yurmalskiy Lespromkhoz in a continuous cutting area and on improved areas in Baldonskiy Rayon have proved the good operational qualities of the machine.

NEW MACHINERY IN THE UKRAINE -- Moscow, Lesnaya Promyshlennost', 7 Jul 53

New machinery has been introduced in the lespromkhozes of the Ukraine. The mechanization of all phases of production has been completed in the Svalyavskiy, Ust'-Cheryanskiy, Nadvornaya, Rakhovskiy, and Perechinskiy lespromkhozes, where electric saws, tractors, winches, special timber stacking equipment, and truck and steam cranes are widely employed.

A new cable railroad and mobile winches have been placed in operation in the Perechinskiy and Svalyavskiy lespromkhozes. They are intended for the transport of timber from the mountains.

DEVELOP NEW TYPE RAFT -- Moscow, Trud, 24 Jul 53

Pistoletov and Nefedrov, the oldest pilots on the Vetluga River, have developed a new type of raft design which saves timber and reduces the cost of floating operations.

During the navigation season this year on the Vetluga, more than 50 rafts of this type were constructed. This type of raft is also being used on the Unzha, Kerzhnets, and other rivers.

INVENT ALL-PURPOSE AMPHIBIOUS TRACTOR -- Moscow, Sovetskiy Soyuz, No 8, Aug 53

One of the most unusual machines to be developed recently is an amphibious tractor for use in floating operations. This machine is equipped with a winch and a bulldozer and moves easily through water and swampy places. It easily overcomes all types of land obstacles. Its speed is more than 15 kilometers per hour on dry land and 7 kilometers per hour in water.

The body of the tractor is watertight. It moves on dry land with the aid of a caterpillar tread, and in water it is propelled forward by a special screw propeller. The winch and bulldozer with which it is equipped make it possible to use it in all types of work. It is used for stacking wood, pushing logs into the water, retrieving stray logs, and towing.

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LATVIAN PAPER PLANTS PRODUCE MORE CONSUMER GOODS -- Moscow, Lesnaya Promyshlennost', 29 Aug 53

The Latvian SSR paper industry is increasing the production of consumer goods.

A new envelope machine has been placed in operation at the Paper Factory imeni Yu. Yanonis in Petrashunskiy. It has a capacity of 3 million stationary envelopes a month. The production of notebooks, pads, packing machines, and stationery sets is to be increased 20 times.

Factories are being equipped with new machinery. A cardboard-making machine is being set up at the "Grigishka" Paper Factory, and preparations are being made for the construction of a shop in which paper napkins, tablecloths, and other articles will be manufactured from production waste. Still another paper-making machine, with a productivity of 40,000 tons of paper a year, will be set up in the paper factory near Vil'nyus.

Since the beginning of the year, the Latvian paper industry has produced several million rubles' worth more than during the same period last year.

PAPER PLANT EXCEEDS PLAN FIGURE -- Tashkent, Pravda Vostoka, 16 Aug 53

During 7 months of 1953, the production of high-grade paper at the Tashkent Paper Plant has increased by 37 percent and exceeds the plan figure by 1.5 percent.

Increasing their struggle for quantity, the workers of the plant have produced above the plan 360,000 student notebooks, 16 carloads of high-grade paper, 22 carloads of roofing paper, and 10 carloads of cardboard.

KONDOPOGA COMBINE FULFILLS ALL PLANS -- Petrozavodsk, Leninskoye Znamya, 31 Jul 53

On 28 July, the Kondopoga Cellulose-Paper Combine fulfilled the monthly plan for newsprint production and on 29 July, the monthly plans for all types of paper were fulfilled. Workers of the combine shipped a large amount of paper above plan to newspaper publishing plants in the Belorussian, Georgian, Armenian, and Moldavian SSRs.

Paper machines are producing paper above the plan, but its loading is being delayed by the inability of the Kirov Railroad to furnish the combine with the necessary freight cars.

FURNITURE EXHIBITION IN MOSCOW -- Moscow, Vechernyaya Moskva, 20 Aug 53

A permanent exhibition of the furniture of the Ministry of Paper and Timber Industry has opened in Moscow. Several hundred models of furniture and a large number of different types of wallpaper are represented at the exhibition.

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MOSCOW FURNITURE FACTORY RECORDS LARGE INCREASE IN PRODUCTION -- Moscow, Vechernyaya Moskva, 20 Aug 53

Furniture Factory No 2 of the Mosgornebel'prom (Moscow City Furniture Industry) Trust has increased its production of furniture by almost 1 1/2 times, as compared with the same period last year. During 7 months of 1953, the factory shipped to the stores of the capital more than 20,000 upholstered divans, round tables, three-leaved mirrors, beds, and other types of furniture.

The factory has enlarged its assortment of products and has begun the production of wardrobes and new model divans. It is mastering the spray method of finishing furniture and is extending operations and mechanizing the process of gluing furniture parts.

During the last 2 days, the factory has sent the Moscow trade network a new shipment of household furniture. Stores No 21, 24, 10, and others of the Mosmebel'torg (Moscow Furniture Trading Organization) have received high-grade furniture products.

FIND NEW METHOD OF FINISHING FURNITURE -- Frunze, Sovetskaya Kirgiziya, 19 Aug 53

Veneer obtained from expensive woods is generally used for the finishing of wardrobes, buffets, tables, and chairs, with finishers polishing the veneered surface of the furniture. Such a method requires the services of qualified experts.

Kazanskiy, engineer of Moscow Furniture Factory No 1, and Dyadin, associate of the Central Scientific Research Institute of Wood Chemistry, have developed a new method of finishing furniture. Essentially, it is based on the printing of the grain of some valuable type of wood - beech, oak, walnut, etc. - on ordinary cigarette paper. This paper is covered with a thin film of synthetic rosin, and with the aid of a powerful press its grain is impressed into plywood or wood pieces of any shape.

Furniture surfaces finished by this method are beautiful and durable and do not require an additional lacquer finish.

TIMBER INDUSTRY PRODUCTION DATA -- Moscow, Lesnaya Promyshlennost', 2 Jul 53

Eighty-two percent of the labor force at Biserovskiy Lespromkhoz of the Kirovles (Kirov Timber) Trust are now employed in timber felling activities.

Operators of timber hauling machines at this enterprise are now hauling 30 cubic meters of timber per shift, as compared with the plan figure of 20 cubic meters. The production per shift of trailer tractor operators now exceeds 3 cubic meters. The average daily haulage per permanent worker now exceeds 1.2 cubic meters of timber.

Moscow, Lesnaya Promyshlennost', 7 Jul 53

At the Takhtinskiy Lesopunkt of Ufaleyskiy Lespromkhoz, with a labor force of 270 workers, the daily haulage of timber during the month of June amounted to 320 cubic meters.

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During the first 10 days of June, an average of 0.50 cubic meter of timber was hauled for every permanent worker in the lespromkhozes of the Tatarskaya ASSR. During the second 10 days of June, this figure rose to 0.57 cubic meter and during the third 10 days it reached 0.73 cubic meter.

Moscow, Lesnaya Promyshlennost', 11 Jul 53

At the Ziminskiy Lespromkhoz of the Irkutskles (Irkutsk Timber) Trust, the six-man brigade of crane operator Petr Ivanov is increasing its production from month to month. It loaded 4,526 cubic meters of timber in May, and in the first 20 days of June it surpassed the entire May production by loading 5,145 cubic meters of timber.

Moscow, Lesnaya Promyshlennost', 16 Jul 53

At the Ertarskiy Lestranskhov (Timber Transport Management), 24 trucks which worked 480 machine shifts were employed during the last 10 days of June on three automobile roads. On 1 July, 28 timber hauling trucks working two shifts were also employed. The daily production schedule of 750 cubic meters was systematically exceeded on these roads. For example, on 6 July, the lestranskhov hauled 1,126 cubic meters of timber with an average production per man-day of 1.59 cubic meters. A high production of 1,081 cubic meters was reached on 7 July. Production was 1,017 cubic meters on 8 July and 1,122 cubic meters on 9 July.

The mechanized logging center (lesouchastok) of Aparenko at the Syktyvdinskiy Lespromkhoz, using 60 workers and four KT-12 tractors hauled 5,426 cubic meters of timber in the third quarter 1952, 4,919 cubic meters in the fourth quarter, 10,202 cubic meters in the first quarter 1953, and 5,277 cubic meters in the second quarter 1953.

The length of haulage did not exceed 1.2 kilometers in winter and 0.9 kilometer in summer. Production per man-day amounted to 2.26 cubic meters.

Moscow, Lesnaya Promyshlennost', 13 Aug 53

Timber haulage is increasing from month to month at the Krasnovisherskiy Lespromkhoz. Daily haulage per permanent worker was .82 cubic meter in June. This figure rose to about one cubic meter in July and during the first days of August it rose above one cubic meter.

At the Dobryanskiy Lespromkhoz, timber haulage for each permanent worker was slightly more than 0.7 cubic meter in June. This figure rose to 0.9 cubic meter in July.

At the Kos'vinskiy Lespromkhoz, average daily haulage for each permanent worker during the month of July reached 0.97 cubic meter of timber. This figure rose still higher in August. The average daily production per permanent worker is now more than one cubic meter of timber.

At the Fokinskiy Lespromkhoz, timber haulage continues to increase. During the first 5 days of August, the average daily production per permanent worker was close to 1 1/2 cubic meters of timber, while at the Stepanovskiy Lesopunkt of this Lespromkhoz average daily haulage per permanent worker has risen as high as 2 cubic meters of timber.

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...ow, Lesnaya Promyshlennost', 29 Aug 53

At Limenskiy Lespromkhoz of the Kotlasles (Kotlas Timber) Trust, as a result of the growth of labor productivity, the daily haulage per permanent worker has risen from 0.7 cubic meter of timber per permanent worker to .95 cubic meter in July.

At the Samurskiy Lestranskhoz of Zaksevkavtransles [Zaksevkav Timber Transportation Trust?], the daily haulage per permanent worker was 1.14 cubic meters of timber in June. This figure rose to 1.07 cubic meters in July.

At the Baldonskiy Lespromkhoz of the Latles (Latvian Timber) Trust, the daily haulage per permanent worker was 1.1 cubic meters in the second quarter 1953. This figure increased by 0.3 cubic meter in July.

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